

C 820

Al-Khwarizmi gave Algebra to the World.

During the Dark Ages, Islamic Civilization kept ancient science alive; the Arabs were not so much creative inventors, but rather preservers and developers. Their scientific culture which was at its height in 9th & 10th centuries passed on to the West, the Indian decimal SYSTEM and the Arabic numerals still in use today. From them too came

the notation of zero (from Arabic *SIFR*, latinized as *zIPHIRUM*, whence "cypher" and "zero") without which modern mathematics is impossible.

The greatest Arabic mathematician was Al-Khwarizmi of Baghdad, whose astronomical table were a genuine advance on Greek cosmology. And his treatise on Hindu mathematics gave Algebra to the West although the credit for its invention belongs to the Indians ARYA - BHATA and BRAHMA GUPTA.

820

Duncan: Cal

780-850 ABU JAFAR Mohommed

ibn MUSA al-KHWARIZMI
was perhaps the greatest scholar working
at the House of Wisdom in Bagdad.
Was probably born near the Aral Sea
in modern Turkestan called
KHWARIZMI in his time

He was summoned to Bagdad by Al-Mamun
in 820, who appointed him first astronomer.
He wrote on a great # of subjects from mathematics

and astronomy to geography and a history
of the Arab Caliphate. He led 3 scientific
missions to India. He used the accumulating
store of knowledge to invent modern Algebra.
later this became a standard text of math
in European universities until the
16th century. He wrote out the oldest
surviving set of astronomical tables - translated
into Latin in 1126

DEC 25, 820 A.D. -

Emperor Leo V was murdered
in front of the high altar in
Hagia Sophia by followers
of MICHAEL THE MORIAN.

MICHAEL II, (820-829) founder
of the AMORIAN Dynasty in
Byzantium.

The Danish Norsemen renewed their attacks on the coasts and under weak kings, became the scourge of northwestern Germany and France.

820-829

1912 Dates J-BK

MICHAEL the AMORIAN was
East Empire emperor. He lost
CRETE to the Saracens

C 820

776-856

1912 Dates J-BK

RABANUS MAURUS

The most noted of Alcuin's pupils was Rabanus MAURUS, abbot of FULDA, the greatest center of learning in North Germany

C 820

1912 Dates J-BK

Catholic clergy were owners
of large tracts of land
and dominant in state affairs

820, Christmas Day Dec 25

Leo V (Emperor of Byzantium)
was murdered by ^{followers} Michael the
AMORIAN in front of the High
Altar in Hagia Sophia

820-829

Michael II was Byzantine Emperor

820-867

Amorian dynasty